

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-16 (Canceled).

Claim 17 (Currently Amended): A processing apparatus using a recordable information medium, said medium configured to store a data structure for recording broadcasted MPEG transport stream information including service information, said MPEG transport stream information being configured to be recorded on the medium and to be reproduced from the medium using at least one of a recording apparatus and a reproducing apparatus, said data structure comprising,

a data area for recording the broadcasted MPEG transport stream information; and  
a management area, different from the data area, for recording control information for managing the broadcasted MPEG transport stream information recorded in the data area,

wherein object data to be recorded in the data area includes at least one data unit which includes a plurality of pairs of time stamp information and transport packets,

said management area is configured to record first management information including second management information specifying broadcast sources,

said first management information includes size information indicating a length of the transport packet, [[and]]

said first and second management information recorded in the management area are configured to be reproduced prior to reproduction of the broadcasted MPEG transport stream information recorded in the data area, and

the recording or reproducing apparatus is configured to record data on or to reproduce data from the medium according to a combination of a specific broadcast source indicated by

said second management information and a specific transport packet length indicated by the size information of said first management information,

said apparatus comprising:

a first reproducer configured to reproduce said control information from the management area; and

a second reproducer configured to reproduce said data from the data area.

Claim 18 (Canceled).

Claim 19 (Currently Amended): An information medium configured to store a data structure for recording broadcasted MPEG transport stream information including service information, said MPEG transport stream information being configured to be recorded on the medium and to be reproduced from the medium using at least one of a recording apparatus and a reproducing apparatus, said data structure comprising:

a data area for recording the broadcasted MPEG transport stream information;

a management area, different from the data area, for recording control information for managing the broadcasted MPEG transport stream information recorded in the data area,

wherein object data to be recorded in the data area includes at least one data unit which includes a plurality of pairs of time stamp information and transport packets,

said management area is configured to record first management information including second management information specifying broadcast sources,

said first management information includes size information indicating a length of the transport packet, [[and]]

said first and second management information recorded in the management area are configured to be reproduced prior to reproduction of the broadcasted MPEG transport stream information recorded in the data area, and

the recording or reproducing apparatus is configured to record data on or to reproduce data from the medium according to a combination of a specific broadcast source indicated by said second management information and a specific transport packet length indicated by the size information of said first management information.

Claim 20 (Currently Amended): A recording method using a recordable information medium, said medium configured to store a data structure for recording broadcasted MPEG transport stream information including service information, said MPEG transport stream information being configured to be recorded on the medium and to be reproduced from the medium using at least one of a recording apparatus and a reproducing apparatus, said data structure comprising,

a data area for recording the broadcasted MPEG transport stream information; and  
a management area, different from the data area, for recording control information for managing the broadcasted MPEG transport stream information recorded in the data area,

wherein object data to be recorded in the data area includes at least one data unit which includes a plurality of pairs of time stamp information and transport packets,

said management area is configured to record first management information including second management information specifying broadcast sources,

said first management information includes size information indicating a length of the transport packet, [[and]]

said first and second management information recorded in the management area are configured to be reproduced prior to reproduction of the broadcasted MPEG transport stream information recorded in the data area, and

the recording or reproducing apparatus is configured to record data on or to reproduce data from the medium according to a combination of a specific broadcast source indicated by said second management information and a specific transport packet length indicated by the size information of said first management information,

said method comprising:

recording said data on the data area; and

recording said control information on the management area.

Claim 21 (Canceled).

Claim 22 (Currently Amended): A reproducing method using a recordable information medium, said medium configured to store a data structure for recording broadcasted MPEG transport stream information including service information, said MPEG transport stream information being configured to be recorded on the medium and to be reproduced from the medium using at least one of a recording apparatus and a reproducing apparatus, said data structure comprising,

a data area for recording the broadcasted MPEG transport stream information; and

a management area, different from the data area, for recording control information for managing the broadcasted MPEG transport stream information recorded in the data area,

wherein object data to be recorded in the data area includes at least one data unit which includes a plurality of pairs of time stamp information and transport packets,

said management area is configured to record first management information including second management information specifying broadcast sources,

said first management information includes size information indicating a length of the transport packet, [[and]]

said first and second management information recorded in the management area are configured to be reproduced prior to reproduction of the broadcasted MPEG transport stream information recorded in the data area, and

the recording or reproducing apparatus is configured to record data on or to reproduce data from the medium according to a combination of a specific broadcast source indicated by said second management information and a specific transport packet length indicated by the size information of said first management information,

said method comprising:

reproducing said control information from the management area; and  
reproducing said data from the data area.

Claim 23 (Canceled).